

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Reclamation District No. 1601 Twitchell**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Threemile Slough	Left	2.43	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
2	0.00	0.00	Mark	Boundary	Crown	Starting point of Unit 1, Threemile Slough, RD 1601. Left bank levee Threemile Slough at plug across Sevenmile Slough and northwest corner of Twitchell Island. Mileage starts at Brannan Island Road and run downstream. Entry Last Updated : 1/27/2020	GEILEVEELOG
1	0.00	0.06	Fence	Barbed Wire	Land Side	Barbed wire fence at landside toe. Entry Last Updated : 1/21/2020	LEVEELOG
42	0.00	0.38	Ditches	Unlined	Land Side	6-ft wide, 4-ft deep drainage ditch at landside toe. Cuts up to 1-ft vertically into the projected levee prism. Entry Last Updated : 1/21/2020	USACEINSPECT
45	0.00	0.00	Structure	Sign	Land Side	2 wooden/metal signs appx. 10-ft in length on landside slope near hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
46	0.00	0.00	At Grade	Road / Highway	Water Side	West Brannon Island Rd. Embankment crossing levee, public road, riprap perpendicular to levee along embankment. Entry Last Updated : 1/21/2020	USACEINSPECT
41	0.00	2.43	Revetment	Rock	Water Side	Rock revetment on waterside slope. Entry Last Updated : 1/21/2020	LEVEELOG
52	0.04	0.04	Structure	Pole	Land Side	5-ft tall metal pole with concrete footing and electronic keypad on landside hinge point of the levee. Entry Last Updated : 1/27/2020	USACEINSPECT
50	0.05	0.05	Fence	Barbed Wire	Water Side and Land Side	Wire mesh cross fence on waterside and landside slopes. Entry Last Updated : 1/21/2020	USACEINSPECT
3	0.05	0.05	Gate	Metal	Crown	Pipe gate across levee crown. Entry Last Updated : 6/13/2017	GEILEVEELOG 11226
4	0.05	0.05	Structure	Sign	Water Side	Wooden sign with metal posts at waterside toe. Entry Last Updated : 1/21/2020	LEVEELOG
58	0.05	0.05	Structure	Pole	Land Side	3 vertical pipes at toe, 4-in diameter and 3-ft height. Entry Last Updated : 1/21/2020	USACEINSPECT

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6	0.11	0.11	UCIP	Pipe	Crossing	DS_ID:20950 EP_NO: 11227 Crossing Status: Found FIELD_STRUCT_DESC: 14-inch pipe (not 12-inch pipe as original description noted) through the levee, 4 feet below the crown. Siphon primer on waterside (WS) shoulder. 36-inch steel (not concrete as original description noted) pipe with shut-off valve inside at landside (LS) toe ditch. (12-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 11227, 1975-Standard Oil of California; no permit found for 14-inch pipe) [Additional Reference(s): DWR Levee Logs, 2005] Entry Last Updated : 4/17/2021	UCIPAPR2021 11227
7	0.11	0.11	UCIP	Pipe	Crossing	DS_ID:20953 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 12-inch (not 8 inch listed in USACE) siphon through the levee approximately 3.2 feet below the crown. The existing 8-inch pipe listed in the O&M manual is no longer present, no permit was found authorizing crossing modifications. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 102, April 1959, (HLM 0.1), 8-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021
69	0.15	0.15	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
78	0.34	0.34	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
10	0.37	0.37	UCIP	Pipe	Crossing	DS_ID:20954 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 8-inch siphon irrigation pipe of unknown material through the levee, 3.1 feet below the crown. Reinforced concrete standpipe located on landside (LS). [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 102, April 1959, (HLM 0.34)] Entry Last Updated : 4/17/2021	UCIPAPR2021
81	0.41	0.41	Structure	Sign	Land Side	3-ft wooden signpost on landside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
11	0.43	0.45	Ramp	Ramp	Land Side	12-ft wide aggregate base-covered on landside slope. Entry Last Updated : 1/21/2020	GEILEVEELOG 11227
82	0.45	0.47	Ramp	Ramp	Land Side	12-ft wide aggregate base-covered on landside slope. Entry Last Updated : 1/21/2020	USACEINSPECT 11227

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	Start	End					Permits

84	0.48	0.48	Structure	Sign	Land Side	5-ft wooden signpost landside slope near hinge of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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87	0.48	0.48	Mark	Marker	Water Side	Survey marker/monument on waterside slope in concrete casing. Entry Last Updated : 1/21/2020	USACEINSPECT
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89	0.53	0.53	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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8	0.60	0.60	Structure	Sign	Water Side	Speed Limit sign on wooden post at waterside hinge point of the levee. Entry Last Updated : 1/21/2020	LEVEELOG 11817
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13	0.61	0.61	UCIP	Pipe	Crossing	DS_ID:20956 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 18-inch concrete pipe through the levee, 6 feet below the crown. Entry Last Updated : 4/17/2021	UCIPAPR2021
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97	0.61	0.65	Ramp	Ramp	Land Side	12-ft wide gravel-covered ramp on landside slope. Entry Last Updated : 1/21/2020	USACEINSPECT 11227
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99	0.65	0.66	Ramp	Ramp	Land Side	10-ft wide earth-covered access ramp on landside slope. Entry Last Updated : 1/21/2020	USACEINSPECT 11227
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101	0.72	0.72	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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15	0.74	0.74	UCIP	Pipe	Crossing	DS_ID:20957 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 18-inch by 24-inch corrugated metal drainage pipe through the levee at an unknown depth. Entry Last Updated : 4/17/2021	UCIPAPR2021
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	Start	End					Permits

18	0.79	0.79	UCIP	Pipe	Crossing	DS_ID:20958 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 12-inch steel 450 low pressure gas line through the levee at an unknown depth. Facility on landside (LS)-not found in 2013. USACE Drawing indicates gas line and facility were relocated. (LMA representative believes PG&E abandoned line). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit No. 102, April 1959, Drawing No. 50-4-2958]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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17	0.79	0.79	UCIP	Pipe	Crossing	DS_ID:24069 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Steel stand pipe with PVC pipe inside located on landside (LS) shoulder. Rip rap located on waterside (WS) slope. Unable to determine if crossing goes through levee. Appears to be monitoring gas well. Entry Last Updated : 4/17/2021	UCIPAPR2021
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102	0.80	0.80	Structure	Sign	Water Side	Metal sign with 2 posts at waterside toe. Entry Last Updated : 1/21/2020	USACEINSPECT 11817
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107	0.91	0.91	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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108	1.03	1.03	Structure	Sign	Land Side	5-ft tall wooden signpost on landside hinge point of the levee. Entry Last Updated : 1/22/2020	USACEINSPECT
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22	1.04	1.04	UCIP	Pipe	Crossing	DS_ID:20955 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 8-inch steel siphon irrigation pipe through the levee, 3.6 feet below the crown. (8-inch pipe removed from the levee under Permit No. 3179, 1960-J. Souza). [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 102, April 1959, (HLM 1.66)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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21	1.05	1.09	Ramp	Ramp	Land Side	Ramp on landside slope. Entry Last Updated : 1/21/2020	GEILEVEELOG 11227
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23	1.07	1.07	Gate	Metal	Land Side	Cross fence, pipe gate at toe of LS slope. State Blank Lock. Entry Last Updated : 1/27/2020	GEILEVEELOG 11227
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Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
113	1.10	1.10	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT		
114	1.19	1.21	Ramp	Ramp	Land Side	12-ft wide aggregate base-covered ramp on landside slope. Entry Last Updated : 1/21/2020	USACEINSPECT 11227		
116	1.22	1.22	Structure	Sign	Land Side	2 wooden signs on landside hinge point of the levee 40-ft apart. Entry Last Updated : 1/21/2020	USACEINSPECT		
119	1.28	1.28	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT		
120	1.37	1.37	Structure	Post	Water Side	Metal post on waterside slope. Entry Last Updated : 1/21/2020	USACEINSPECT		
30	1.40	1.40	UCIP	Pipe	Land Side	DS_ID:24068 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* Steel stand pipe with PVC pipe inside located on landside (LS) shoulder. Rip rap located on waterside (WS) slope. Unable to determine if crossing goes through levee. Appears to be monitoring gas well. Entry Last Updated : 4/17/2021	UCIPAPR2021		
127	1.47	1.47	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT		
129	1.66	1.66	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT		
31	1.77	1.77	UCIP	Pipe	Land Side	DS_ID:24071 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* Steel stand pipe with PVC pipe inside located on landside (LS) shoulder. Rip rap located on waterside (WS) slope. Unable to determine if crossing goes through levee. Appears to be monitoring gas well. Entry Last Updated : 4/17/2021	UCIPAPR2021		

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	Start	End					Permits

5	1.83	1.83	UCIP	Pipe		DS_ID:20949 EP_NO: 2909 Crossing Status: Not Found FIELD_STRUCT_DESC: *NOT INSTALLED* 12-inch steel siphon irrigation pipe through the levee, 5 feet below the crown. Standard corrugated metal cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at landside (LS) shoulder. Project abandoned by applicant (12-inch pipe authorized under Permit No. 2909, 1958-J. Souza, no work completed). Entry Last Updated : 4/17/2021	UCIPAPR2021 2909
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138	1.85	1.85	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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140	1.90	1.90	Structure	Sign	Land Side	Wooden signpost on landside slope near hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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34	1.92	1.92	Ramp	Ramp	Land Side	Ramp on landward slope. Gate in fence. Entry Last Updated : 6/13/2017	GEILEVEELOG 11227
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147	2.04	2.04	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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36	2.05	2.05	UCIP	Pipe	Crossing	DS_ID:20951 EP_NO: 2909A Crossing Status: Found FIELD_STRUCT_DESC: 8-inch siphon irrigation pipe through levee, 2.4 feet below crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe on landside (LS) shoulder. Hand primer pump on LS slope. (8-inch pipe authorized under Permit No. 2909A, 1960-J. Souza). [Additional Reference(s): DWR Levee Logs, 2005] Entry Last Updated : 4/17/2021	UCIPAPR2021 2909A
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148	2.05	2.05	Structure	Other	Water Side	Corrugated metal plate and opening on waterside slope. Opening is less than 12" deep. Used for monitoring fish in river. Entry Last Updated : 1/21/2020	USACEINSPECT
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157	2.09	2.09	Structure	Pole - Utility	Land Side	Powerline pole and guy wire appx. 15-ft from landside toe. Entry Last Updated : 1/21/2020	USACEINSPECT
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	Start	End					Permits

38	2.09	2.09	UCIP	Conduit	Crossing	DS_ID:20952 EP_NO: 6297 Crossing Status: Found FIELD_STRUCT_DESC: 3-inch electrical conduit through levee, 5 feet below the crown. Location marker on waterside (WS) slope. Rock revetment on WS slope. (3-inch conduit authorized under Permit No. 6297, 1969-Pacific Gas and Electric Company (PG&E)) [Additional Reference(s): DWR Levee Logs, 2005] Entry Last Updated : 4/17/2021	UCIPAPR2021 6297
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161	2.23	2.23	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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163	2.38	2.38	Structure	Sign	Land Side	Wooden signpost on landside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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165	2.42	2.42	Mark	Marker	Water Side	Mile marker on waterside hinge point of the levee. Entry Last Updated : 1/21/2020	USACEINSPECT
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40	2.43	2.43	Mark	Boundary	Crown	End of Threemile slough left bank levee at right bank levee San Joaquin River. Continues on as non-project levee. Entry Last Updated : 6/13/2017	GEILEVEELOG
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